

## Scientific Note:

### List of the *Lepidoptera* of Mardin Province (South East Turkey) with some faunistical remarks

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In this short note, the hitherto known Lepidopteran species of the Mardin Province are listed for the first time. Information is based upon the Database of the Cesa. Collecting data to some species obtained during a trip to Ömerli District are also added.<sup>1</sup>

Mardin is one of the oldest locality, where the butterflies and moths collected by the Armenian collectors in the late of 19. Century. Collected specimens were generally described by Otto Staudinger as new to science and preserved in various Natural History Museums of Germany. However, there is no published comprehensive faunistical study on the Lepidoptera of Mardin with the exception of the publications on the butterflies (Hesselbarth, et al.,1995; Kemal & Koçak,2006).<sup>2</sup> The published information are usually based upon only described species, consequently the faunal aspect of Mardin is apparently very poor. Among the rather well studied provinces in the South-East and East Turkey, e.g., Kahramanmaraş (1402), Van (1112), Hakkari (703), Malatya (402), etc., Mardin is still very little known province from the standpoint of the Lepidoptera fauna.<sup>3</sup> Totally 82 butterfly species occur in Mardin Province (Kemal & Koçak,2006; Koçak, Kemal, Akdeniz,2006)<sup>4</sup>. From this year on, we have field and laboratory programs for determining the Lepidoptera fauna of Mardin. The present list of the species is the preliminary attempt for this purpose.

<sup>1</sup> Mardin Province, Ömerli District, Anittepe, 1080m 28.5.2008. Collecting data by the authors.

<sup>2</sup> Hesselbarth, G. et al., 1995, Die Tagfalter der Türkei. 2Bde. Selbstverlag; Kemal, M. & A.Ö. Koçak, 2006, List of the butterflies of Mardin Province (South Turkey) (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Misc. Pap. 96: 1-7.

<sup>3</sup> All the number of the species are based upon Info-System of the Cesa.

<sup>4</sup> Koçak, A.Ö., Kemal, M. & I. Akdeniz, 2006, A new genus and species to the Lepidoptera fauna of Turkey and Syria (Papilionidae). Cent. ent. Stud., Misc. Pap. 97: 1-6, 2 figs.

In the list totally 274 species, belonging to 27 families, are found in the Province. The species *Ephelis cruentalis* (Geyer,[1832]) (Pyrilidae) is recorded in the Province for the first time.<sup>5</sup> One male of Procrinae needs genitalic examination for exact determination. Materials mentioned here are preserved in the collection of the Cesa.

### List of the Lepidoptera Species in the Province of Mardin with Some Remarks

1. *Paidia (Conjuncta) conjuncta* (Staudinger,1892) (Arctiidae)
2. *Utetheisa (s.str.) pulchella* (Linnaeus,1758) (Arctiidae)
3. *Argynnis (Fabriciana) niobe* (Linnaeus,1758) (Argynnidae)
4. *Argynnis (Pandoriana) pandora* ([Denis & Schiffermüller],1775) (Argynnidae)<sup>6</sup>
5. *Cynthia cardui* (Linnaeus,1758) (Argynnidae)
6. *Issoria lathonia* (Linnaeus,1758) (Argynnidae)<sup>7</sup>
7. *Melitaea (Didymaeformis) didyma* (Esper,[1779]) (Argynnidae)
8. *Melitaea (Didymaeformis) fascelis* (Fabricius,1787) (Argynnidae)
9. *Melitaea (Didymaeformis) perseia* Kollar,[1849] (Argynnidae)
10. *Melitaea (s.str.) arduinna* (Fabricius,1787) (Argynnidae)
11. *Melitaea (s.str.) cinxia* (Linnaeus,1758) (Argynnidae)
12. *Nymphalis polychloros* (Linnaeus,1758) (Argynnidae)
13. *Polygonia (Comma) egea* (Cramer,[1775]) (Argynnidae)
14. *Thaleropsis ionia* (Eversmann,1851) (Argynnidae)
15. *Phycodes chalcocrossa* Meyrick,1909 (Brachodidae)
16. *Phycodes radiata* (Ochsenheimer,1808) (Brachodidae)
17. *Choreutis nemorana* (Hübner,[1799]) (Choreutidae)
18. *Coleophora egenella* Toll,1952 (Coleophoridae)
19. *Coleophora spiniferella* Toll,1952 (Coleophoridae)
20. *Amata sintenisi* Standfuss,1892 (Ctenuchidae)
21. *Dysauxes syntomida* (Staudinger,1892) (Ctenuchidae)
22. *Cilix asiatica* A.Bang-Haas,1907 (Drepanidae)
23. *Epermenia (s.str.) wockeella* (Staudinger,1880) (Epermeniidae)
24. *Ethmia infelix* Meyrick,1914 (Ethmiidae)
25. *Ethmia similis* Sattler,1967 (Ethmiidae)
26. *Bryotropha arabica* Amsel,1952 (Gelechiidae)
27. *Neofaculta confidella* Rebel,1935 (Gelechiidae)
28. *Aleucis distinctata* (Herrich-Schäffer,[1839]) (Geometridae)
29. *Aplocera obsitaria* (Lederer,1853) (Geometridae)
30. *Eupithecia brunneata* Staudinger,1900 (Geometridae)
31. *Eustroma mardinata* (Staudinger,[1895]) (Geometridae)
32. *Gnopharmia cataleucaria* (Staudinger,1901) (Geometridae)
33. *Gnopharmia colchidaria* (Lederer,1870) (Geometridae)
34. *Gnopharmia objectaria* Staudinger,1892 (Geometridae)
35. *Gymnoscelis dearmata* (Dietze,1904) (Geometridae)
36. *Gymnoscelis rufifasciata* (Haworth,[1809]) (Geometridae)
37. *Hyposcotis (?) mutilata* (Staudinger,1879) (Geometridae)
38. *Hyposcotis (Euchrognophos) dubitaria* (Staudinger,1892) (Geometridae)
39. *Hyposcotis (Kemtroglyphos) mardinaria* Staudinger,1901 (Geometridae)
40. *Idaea consociata* (Staudinger,1900) (Geometridae)
41. *Idaea intermedia* (Staudinger,1879) (Geometridae)
42. *Idaea subpurpurata* (Staudinger,1900) (Geometridae)
43. *Lithostege farinata* (Hufnagel,1767) (Geometridae)
44. *Lithostege witzmanni* Standfuss,1892 (Geometridae)
45. *Myinodes shohami* Hausmann,1994 (Geometridae)
46. *Nebula ludificata* (Staudinger,1870) (Geometridae)
47. *Neognopharmia stevenaria* (Boisduval,1840) (Geometridae)

<sup>5</sup> Kemal,M. & O.Karabacak, 2008, *Ephelis cruentalis*'in Biyolojisi Hakkında (Lepidoptera, Pyralidae). Cent. ent. Stud., Misc. Pap. 139-140: 6-10, 9 şekil.

<sup>6</sup> 2 ♂, Anittepe 1080m 28.5.2008.

<sup>7</sup> 1 ♂, Anittepe 1080m 28.5.2008.

48. *Nychiodes (Eunychiodes) divergaria* (Staudinger, 1892) (Geometridae)
49. *Pseudopanthera syriacata* (Guenée, 1852) (Geometridae)
50. *Rhoptria mardinata* (Staudinger, 1900) (Geometridae)
51. *Scopula beckeraria* (Lederer, 1853) (Geometridae)
52. *Scopula immistaria* (Herrich-Schäffer, [1852]) (Geometridae)
53. *Scopula luridata* (Zeller, 1847) (Geometridae)
54. *Scopula submutata* (Treitschke, 1828) (Geometridae)
55. *Carcharodus (Reverdinus) orientalis* Reverdin, 1913 (Hesperiidae)
56. *Carcharodus (s.str.) alceae* (Esper, [1780]) (Hesperiidae)
57. *Muschampia nomas* (Lederer, 1855) (Hesperiidae)<sup>8</sup>
58. *Muschampia poggei* (Lederer, 1858) (Hesperiidae)<sup>9</sup>
59. *Pyrgus serratulae* (Rambur, [1839]) (Hesperiidae)
60. *Spialia (Neospialia) orbifer* (Hübner, [1823]) (Hesperiidae)
61. *Thymelicus lineolus* (Ochsenheimer, 1808) (Hesperiidae)
62. *Thymelicus novus* (Reverdin, 1916) (Hesperiidae)<sup>10</sup>
63. *Thymelicus sylvestris* (Poda, 1761) (Hesperiidae)
64. *Sena proxima* (Staudinger, 1894) (Lasiocampidae)
65. *Celastrina argiolus* (Linnaeus, 1758) (Lycaenidae)
66. *Cigaritis acamas* (Klug, 1834) (Lycaenidae)
67. *Cigaritis uighurica* Kemal & Koçak, 2005 (Lycaenidae)
68. *Glaucopsyche (s.str.) alexis* (Poda, 1761) (Lycaenidae)
69. *Lampides boeticus* (Linnaeus, 1767) (Lycaenidae)
70. *Lycaena (Loweia) tityrus* (Poda, 1761) (Lycaenidae)
71. *Lycaena (Thersamonia) asabinus* (Gerhard, [1850]) (Lycaenidae)
72. *Lycaena (Thersamonia) kefersteinii* (Gerhard, [1850]) (Lycaenidae)
73. *Lycaena (s.str.) phlaeas* (Linnaeus, 1761) (Lycaenidae)
74. *Plebejus (Kretania) carmon* (Gerhard, [1851]) (Lycaenidae)
75. *Plebejus (Plebejides) modicus* Verity, 1935 (Lycaenidae)
76. *Polyommatus (Albulina (Plebejidea)) loewii* (Zeller, 1847) (Lycaenidae)<sup>11</sup>
77. *Polyommatus (Aricia (s.str.)) agestis* ([Denis & Schiffermüller], 1775) (Lycaenidae)
78. *Polyommatus (s.str. (Agrodiaetus (Damaia))) dama* (Staudinger, [1892]) (Lycaenidae)
79. *Polyommatus (s.str. (Plebicula)) amandus* (Schneider, 1792) (Lycaenidae)
80. *Polyommatus (s.str. (Sublysandra)) cornelius* (Freyer, [1850]) (Lycaenidae)
81. *Polyommatus (s.str.) icarus* (Rottemburg, 1775) (Lycaenidae)
82. *Pseudophilotes vicrama* (Moore, 1865) (Lycaenidae)
83. *Rubrapterus bavius* (Eversmann, 1832) (Lycaenidae)
84. *Satyrium (Nordmannia) abdominalis* (Gerhard, [1850]) (Lycaenidae)
85. *Satyrium (Nordmannia) marcidum* (Riley, 1921) (Lycaenidae)<sup>12</sup>
86. *Satyrium (Nordmannia) zabni* Oorschot & Brink, 1991 (Lycaenidae)<sup>13</sup>
87. *Tomares (nogelii) nesimachus* (Oberthür, 1893) (Lycaenidae)
88. *Tomares callimachus* (Eversmann, 1848) (Lycaenidae)
89. *Tomares romanovi* (Christoph, 1882) (Lycaenidae)
90. *Turanana endymion* (Freyer, [1850]) (Lycaenidae)
91. *Euproctis melania* (Staudinger, 1892) (Lymantriidae)
92. *Ocnerogya amanda* Staudinger, [1892] (Lymantriidae)
93. *Parocneria raddei* (Christoph, 1885) (Lymantriidae)
94. *Parocneria terebinthi* (Freyer, [1838]) (Lymantriidae)
95. *Parocneria terebynthina* (Staudinger, [1895]) (Lymantriidae)
96. *Polymona destituta* (Staudinger, 1892) (Lymantriidae)
97. *Polymona lapidicola* (Herrich-Schäffer, [1852]) (Lymantriidae)
98. *Abrostola clarissa* (Staudinger, 1900) (Noctuidae)
99. *Acronicta (Triaena) aceris* (Linnaeus, 1758) (Noctuidae)
100. *Aedophron phlebophora* Lederer, 1858 (Noctuidae)
101. *Aegle diatemna* Boursin, 1962 (Noctuidae)
102. *Aegle gratiosa* (Staudinger, 1892) (Noctuidae)

<sup>8</sup> 1 ♂, Anittepe 1080m 28.5.2008.<sup>9</sup> 1 ♂, Anittepe 1080m 28.5.2008.<sup>10</sup> 3 ♂, Anittepe 1080m 28.5.2008.<sup>11</sup> 1 ♀, Anittepe 1080m 28.5.2008.<sup>12</sup> 2 ♀, Anittepe 1080m 28.5.2008. The subspecies of this species is referable to ssp. *mardinum* Oorschot et al., 1985<sup>13</sup> 1 ♂, Anittepe 1080m 28.5.2008.

103. *Aegle nubila* (Staudinger,1892) (Noctuidae)
104. *Agrotis* (Putagrotis) *herzogi* (Rebel,1911) (Noctuidae)
105. *Agrotis* (Putagrotis) *syricola* Berio,1936 (Noctuidae)
106. *Agrotis* (s.str.) *ipsilon* (Hufnagel,1766) (Noctuidae)
107. *Apamea maraschi* (Draudt,1934) (Noctuidae)
108. *Aporophyla australis* (Boisduval,1829) (Noctuidae)
109. *Basistriga flammatrix* ([Denis & Schiffermüller],1775) (Noctuidae)
110. *Behounekia freyeri* (Frivaldsky,1835) (Noctuidae)
111. *Bryomima carducha* Staudinger,1900 (Noctuidae)
112. *Bryomima defreina* Hacker,[1987] (Noctuidae)
113. *Bryophilopsis roederi* (Standfuss,1892) (Noctuidae)
114. *Catocala* (s.str.) *abacta* Staudinger,1900 (Noctuidae)
115. *Catocala* (s.str.) *brandti* Hacker & Kautt,1999 (Noctuidae)
116. *Catocala* (s.str.) *mesopotamica* Kuznesov,1903 (Noctuidae)
117. *Chionoxantha staudingeri* (Standfuss,1892) (Noctuidae)
118. *Cleonymia* (s.str.) *baetica* (Rambur,1837) (Noctuidae)
119. *Cornutiplusia circumflexa* (Linnaeus,1767) (Noctuidae)
120. *Cucullia* (Shargacucullia) *barthae* Boursin,1933 (Noctuidae)
121. *Cucullia* (Shargacucullia) *blattariae* (Esper,[1790]) (Noctuidae)
122. *Cucullia* (Shargacucullia) *lanceolata* (Villers,1789) (Noctuidae)
123. *Dichagyris* (Yigoga) *serraticornis* (Staudinger,1898) (Noctuidae)
124. *Dichagyris* (s.str.) *contermina* (Corti,1929) (Noctuidae)
125. *Dichagyris* (s.str.) *erubescens* (Staudinger,1892) (Noctuidae)
126. *Drasteria saisani* (Staudinger,1882) (Noctuidae)
127. *Earias chlorophyllana* Staudinger,1892 (Noctuidae)
128. *Episema amasina* (Hampson,1906) (Noctuidae)
129. *Episema lederi* Christoph,1885 (Noctuidae)
130. *Eublemma* (albida-gr.) *gratissima* (Staudinger,1892) (Noctuidae)
131. *Eublemma* (bulla-gr.) *suppura* (Staudinger,1892) (Noctuidae)
132. *Eublemma* (candidana-gr.) *aureola* Fibiger & Hacker,2002 (Noctuidae)
133. *Eublemma* (pallidula-gr.) *pallidula* (Herrich-Schäffer,1856) (Noctuidae)
134. *Eublemma* (parva-gr.) *parva* (Hübner,[1808]) (Noctuidae)
135. *Eublemma* *suppuncta* (Staudinger,1892) (Noctuidae)
136. *Euchalcia* (s.str.) *dorsiflava* (Standfuss,1892) (Noctuidae)
137. *Euchalcia* (s.str.) *maria* (Staudinger,1892) (Noctuidae)
138. *Eulocastra diaphora* (Staudinger,1879) (Noctuidae)
139. *Hadena* (Anepia) *perplexa* ([Denis & Schiffermüller],1775) (Noctuidae)
140. *Hadena* (Anepia) *silenes* (Hübner,[1822]) (Noctuidae)
141. *Hadena* (Anepia) *syriaca* (Osthelder,1933) (Noctuidae)
142. *Hadena* (Maschukia) *pumila* (Staudinger,1879) (Noctuidae)
143. *Hadena* (s.str.(Albimaculia)) *gueneei* (Staudinger,1901) (Noctuidae)
144. *Hadjina lutosa* Staudinger,1892 (Noctuidae)
145. *Hadula* (Caloestra (Hadumendax)) *mendica* (Staudinger,[1895]) (Noctuidae)
146. *Haemerosia renalis* (Hübner,[1813]) (Noctuidae)
147. *Helicoverpa armigera* (Hübner,[1808]) (Noctuidae)
148. *Heliothis nubigera* Herrich-Schäffer,[1851] (Noctuidae)
149. *Hoplotaracha sordescens* (Staudinger,1895) (Noctuidae)
150. *Leucochlaena muscosa* (Staudinger,1892) (Noctuidae)
151. *Lygephila schachtii* Behounek & Hacker,1986 (Noctuidae)
152. *Megalodes eximia* (Freyer,1845) (Noctuidae)
153. *Metaegle gratiosa* (Staudinger,1892) (Noctuidae)
154. *Metaegle pallida* (Staudinger,1892) (Noctuidae)
155. *Metalopha* (Antholopha) *gloriosa* (Staudinger,1892) (Noctuidae)
156. *Metalopha* (s.str.) *litrata* (Christoph,1887) (Noctuidae)
157. *Mythimna* (Aletia) *scirpi* (Duponchel,1836) (Noctuidae)
158. *Paraegle subochracea* (Staudinger,1892) (Noctuidae)
159. *Powellinia lasserei* (Oberthür,1881) (Noctuidae)
160. *Pseudohadena* (s.str.) *chenopodiphaga* (Rambur,1832) (Noctuidae)
161. *Stilbina* (s.str.) *hypaenides* Staudinger,1892 (Noctuidae)
162. *Victrix* (Rasihia) *tabora* (Staudinger,1892) (Noctuidae)
163. *Xanthia* (Cirrhia) *gilvago* ([Denis & Schiffermüller],1775) (Noctuidae)
164. *Zekelita* (Rhynchodontodes) *mardinalis* (Staudinger,1892) (Noctuidae)



165. *Zethes narghisa* Brandt, 1938 (Noctuidae)
166. *Archon apollinaris* (Staudinger, [1892]) (Papilionidae)
167. *Papilio* (s.str. (Alexanoria)) *alexanor* Esper, [1800] (Papilionidae)
168. *Papilio* (s.str.) *machaon* Linnaeus, 1758 (Papilionidae)
169. *Princeps* (s.str. (s.str.)) *demoleus* (Linnaeus, 1758) (Papilionidae)
170. *Zerynthia* (Allancastris) *deyrollei* (Oberthür, 1869) (Papilionidae)<sup>14</sup>
171. *Anthocharis cardamines* (Linnaeus, 1758) (Pieridae)
172. *Anthocharis gruneri* Herrich-Schäffer, [1851] (Pieridae)
173. *Aporia* (s.str.) *crataegi* (Linnaeus, 1758) (Pieridae)
174. *Colias* (Eriocolias) *crocea* (Fourcroy, 1785) (Pieridae)
175. *Colotis* (s.str.) *fausta* (Olivier, [1804]) (Pieridae)
176. *Gonepteryx* (s.str.) *farinosa* (Zeller, 1847) (Pieridae)
177. *Gonepteryx* (s.str.) *rhamni* (Linnaeus, 1758) (Pieridae)
178. *Pieris* (Artogeia) *ergane* (Geyer, [1828]) (Pieridae)
179. *Pieris* (Artogeia) *mannii* (Mayer, 1851) (Pieridae)
180. *Pieris* (Artogeia) *pseudorapae* Verity, 1908 (Pieridae)
181. *Pieris* (Artogeia) *rapae* (Linnaeus, 1758) (Pieridae)
182. *Pontia edusa* (Fabricius, 1777) (Pieridae)<sup>15</sup>
183. *Marasmarcha ehrenbergiana* Zeller, 1841 (Pterophoridae)
184. *Wheeleria obsoleta* (Zeller, 1841) (Pterophoridae)
185. *Acrobasis atrisquamella* Ragonot, 1887 (Pyralidae)
186. *Ancylosis* (s.str.) *cinnamomella* (Duponchel, 1836) (Pyralidae)
187. *Ancylosis* (s.str.) *sareptella* (Herrich-Schäffer, 1860) (Pyralidae)
188. *Ancylosis* (s.str.) *turaniella* Ragonot, 1887 (Pyralidae)
189. *Arimania komaroffi* (Ragonot, 1888) (Pyralidae)
190. *Arsissa miridella* (Ragonot, 1893) (Pyralidae)
191. *Arsissa ramosella* (Herrich-Schäffer, [1855]) (Pyralidae)
192. *Asalebria* (Exophora) *exasperata* (Staudinger, 1879) (Pyralidae)
193. *Bradyrrhoa confiniella* Zeller, 1848 (Pyralidae)
194. *Conobathra celticola* (Staudinger, 1879) (Pyralidae)
195. *Ecpyrorrhoe diffusalis* (Guenée, 1854) (Pyralidae)
196. *Epactoctena octogenalis* (Lederer, 1863) (Pyralidae)
197. *Ephelis cruentalis* (Geyer, [1832]) (Pyralidae)<sup>16</sup>
198. *Epidauria discella* Ragonot, 1901 (Pyralidae)
199. *Epimetasia vestalis* (Ragonot, 1894) (Pyralidae)
200. *Eurhodope* (Eurhobasis) *lutescentella* (Caradja, 1916) (Pyralidae)
201. *Euzophera* (s.str.) *bigella* (Zeller, 1848) (Pyralidae)
202. *Euzophera* (s.str.) *osseatella* (Treitschke, 1832) (Pyralidae)
203. *Euzophera* (s.str.) *pulchella* Ragonot, 1887 (Pyralidae)
204. *Euzopherodes vapidella* (Mann, 1857) (Pyralidae)
205. *Isauria dilucidella* (Duponchel, 1836) (Pyralidae)
206. *Keradere lepidella* (Ragonot, 1887) (Pyralidae)
207. *Mardinia ferrealis* (Hampson, 1900) (Pyralidae)
208. *Metasia* (s.str.) *inustalis* Ragonot, 1894 (Pyralidae)
209. *Metasia* (s.str.) *virginalis* Ragonot, 1894 (Pyralidae)
210. *Mimudea languidalis* (Eversmann, 1842) (Pyralidae)
211. *Myelois* (Lanathogutta) *umbratella* (Treitschke, 1832) (Pyralidae)
212. *Nephothrix melanoaeniella* Ragonot, 1888 (Pyralidae)
213. *Noctuelia mardinalis* Staudinger, 1892 (Pyralidae)
214. *Pempelia romanoffella* (Ragonot, 1887) (Pyralidae)
215. *Pempelia serratella* (Ragonot, 1893) (Pyralidae)
216. *Pempelia sordida* Staudinger, 1879 (Pyralidae)
217. *Phycita strigata* (Staudinger, 1879) (Pyralidae)
218. *Pterothrixidia orientella* (Ragonot, 1893) (Pyralidae)
219. *Pterothrixidia rufella* (Duponchel, 1836) (Pyralidae)
220. *Pyrasia gutturalis* (Staudinger, 1879) (Pyralidae)
221. *Scoparia luteolaris* (Scopoli, 1772) (Pyralidae)
222. *Stiphrometasia sancta* (Hampson, 1900) (Pyralidae)

<sup>14</sup> A caterpillar on *Aristolochia maurorum*, Antitepe 1080m 28.5.2008. This is referable to ssp. *eisneri* Bernardi, 1970.

<sup>15</sup> 1 ♂, Antitepe 1080m 28.5.2008.

<sup>16</sup> 1 ♂, Antitepe 1080m 28.5.2008. New to Mardin Province!

223. *Sultania lophotalis* (Hampson,1900) (Pyrilidae)
224. *Susia uberalis* (Swinhoe,1884) (Pyrilidae)
225. *Trachycera dulcella* (Zeller,1848) (Pyrilidae)
226. *Udea albescentalis* (Hampson,1900) (Pyrilidae)
227. *Udea vestalis* (Hampson,1900) (Pyrilidae)
228. *Saturnia* (s.str.) *pyri* ([Denis & Schiffermüller],1775) (Saturniidae)
229. *Brintesia circe* (Fabricius,1775) (Satyridae)<sup>17</sup>
230. *Chazara* (*Neochazara*) *anthe* (Hoffmannsegg,1804) (Satyridae)
231. *Chazara* (s.str.) *briseis* (Linnaeus,1764) (Satyridae)
232. *Coenonympha* (s.str.) *pamphilus* (Linnaeus,1758) (Satyridae)
233. *Coenonympha* (s.str.) *saadi* (Kollar,[1849]) (Satyridae)<sup>18</sup>
234. *Hipparchia* (*Neohipparchia*) *parisatis* (Kollar,[1849]) (Satyridae)
235. *Hipparchia* (*Parahipparchia*) *pellucida* (Stauder,1924) (Satyridae)<sup>19</sup>
236. *Hipparchia* (s.str.) *syriaca* (Staudinger,1871) (Satyridae)
237. *Hyponephele* (s.str. (*Turaninephele*)) *wagneri* (Herrich-Schäffer,[1846]) (Satyridae)
238. *Hyponephele* (s.str.) *lupina* (Costa,[1836]) (Satyridae)<sup>20</sup>
239. *Hyponephele* (s.str.) *lycaon* (Rottemburg,1775) (Satyridae)
240. *Kirinia* (*Melike*) *roxelana* (Cramer,[1777]) (Satyridae)
241. *Lasiommata maera* (Linnaeus,1758) (Satyridae)
242. *Lasiommata megera* (Linnaeus,1767) (Satyridae)
243. *Maniola* (*Telmessiola*) *telmessia* (Zeller,1847) (Satyridae)
244. *Maniola* (s.str.) *jurtina* (Linnaeus,1758) (Satyridae)
245. *Melanargia* (*Turcargia*) *grumi* Standfuss,1892 (Satyridae)<sup>21</sup>
246. *Pararge aegeria* (Linnaeus,1758) (Satyridae)
247. *Pseudochazara* (*Achazara*) *telephassa* (Geyer,[1827]) (Satyridae)
248. *Pseudochazara* (s.str.) *peloepa* (Klug,1832) (Satyridae)<sup>22</sup>
249. *Bembecia* (*Pseudosphecia*) *stiziformis* (Herrich-Schäffer,1851) (Sesiidae)
250. *Bembecia sanguinolenta* (Lederer,1853) (Sesiidae)
251. *Chamaesphecia doryceraeformis* (Lederer,1853) (Sesiidae)
252. *Chamaesphecia regula* (Staudinger,1891) (Sesiidae)
253. *Chamaesphecia sefid* Le Cerf,1938 (Sesiidae)
254. *Euhagena paralariformis* (Lederer,1858) (Sesiidae)
255. *Paranthrene insolita* Le Cerf,1914 (Sesiidae)
256. *Tinthia hoplisiformis* (Mann,1864) (Sesiidae)
257. *Clarina kotschy* (Kollar,[1849]) (Sphingidae)
258. *Clarina syriaca* (Lederer,1855) (Sphingidae)
259. *Hyles conspicua* (Rothschild & Jordan,1903) (Sphingidae)
260. *Hyles livornica* (Esper,[1780]) (Sphingidae)
261. *Marumba quercus* ([Denis & Schiffermüller],1775) (Sphingidae)
262. *Ceratuncus affinitellus* (Rebel,1901) (Tineidae)
263. *Episcardia* (*Bilobatana*) *fuscoviolacella* (Ragonot,1895) (Tineidae)
264. *Infurcitinea frustigerella* (Walsingham,1907) (Tineidae)
265. *Rhodobates pallipallus* Rebel,1901 (Tineidae)
266. *Cnepharia* (s.str.) *virginana* (Kennel,1899) (Tortricidae)
267. *Cochylimorpha diana* (Kennel,1899) (Tortricidae)
268. *Cochylimorpha meridiolana* (Ragonot,1894) (Tortricidae)
269. *Cochylis militaria* Derra,1991 (Tortricidae)
270. *Pelochrista invisitana* Kuznetsov,1986 (Tortricidae)
271. *Jordanita* (*Praviela*) *anatolica* (Naufok,1929) (Zygaenidae)
272. *Jordanita* (*Tremewania*) *notata* (Zeller,1847) (Zygaenidae)
273. *Jordanita* (s.str.) *graeca* (Jordan,1907) (Zygaenidae)
274. *Zygaena* (*Agrumenia*) *laetifica* Herrich-Schäffer,[1846] (Zygaenidae)

<sup>17</sup> 5 ♂, Anittepe 1080m 28.5.2008.<sup>18</sup> 7 ♂, Anittepe 1080m 28.5.2008.<sup>19</sup> 1 ♂, Anittepe 1080m 28.5.2008.<sup>20</sup> 1 ♂, Anittepe 1080m 28.5.2008.<sup>21</sup> 25 ♂♀, Anittepe 1080m 28.5.2008.<sup>22</sup> 12 ♂♀, Anittepe 1080m 28.5.2008.



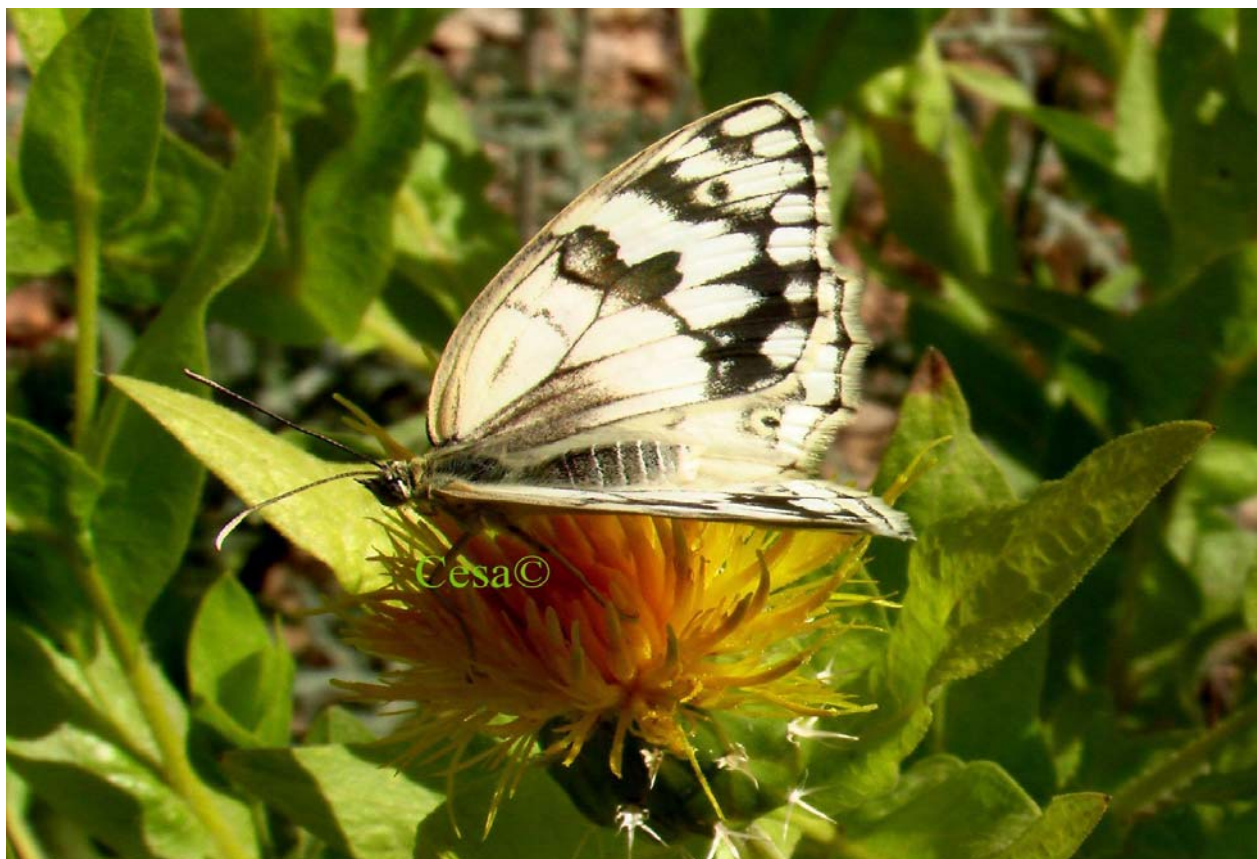


**Fig. 1-** Habitat, roadside. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)

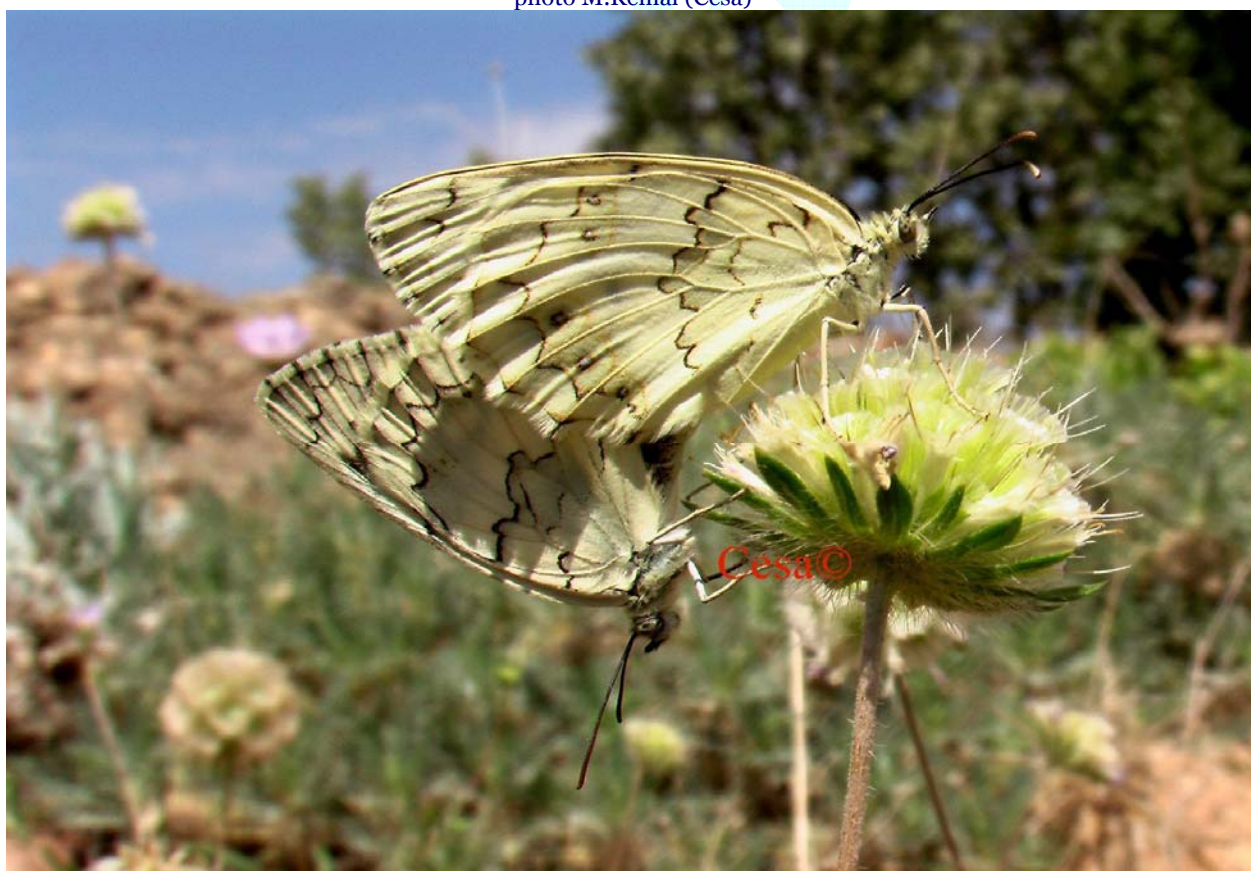


**Fig. 2-** *Allancastria deyrollei* ssp. *eisneri* (Papilionidae). Larva on *Aristolochia maurorum*. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)





**Fig. 3-** *Melanargia grumi* (Satyridae). Basking on the flower. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)



**Fig. 4-** *Melanargia grumi* (Satyridae). In copula on the flower. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)





**Fig. 5-** *Brintesia circe* (Satyridae). a resting male on the ground. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)



**Fig. 6-** *Coenonympha saadi* ssp. *iphias* (Satyridae). A resting male on the ground. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)





**Fig. 7-** *Coenonympha saadi* ssp. *iphias* (Satyridae). A resting male on the leaves. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)



**Fig. 8-** A Lacertidae species, predator of the butterflies in their habitats. Turkey Mardin Prov. Ömerli, Anittepe 1080m, 28 5 2008, photo M.Kemal (Cesa)





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